AMENDMENTS TO THE CLAIMS

Please rewrite the claims as follows:

1. (Currently Amended) A method of inspecting a printed paper on which images are printed repeatedly, the method comprising the steps of:

predetermining a threshold (a) of lowest stained density near a level (L1) of lowest printed density for inspection of stained parts;

predetermining a threshold (b) of highest blurred density near a level (L2) of highest printed density for inspection of blurred parts;

reading multi valued data of reference of each color from a printed paper, the multi valued data of reference being converted into monochrome data of reference by using the thresholds (a, b) of lowest stained density and highest blurred density so that monochrome images of reference can be stored in a memory (24) from the monochrome data of reference;

reading multi valued data of inspection of each color from a printed paper which is fed when inspecting, the multi valued data of inspection being converted into monochrome data of inspection by using the thresholds (a, b) of lowest stained densities and highest blurred density so that monochrome images of inspection can be stored in the memory (24) from the monochrome data of inspection; ~~and~~

comparing the monochrome images of inspection with the monochrome images of reference for inspection of stained parts and blurred parts;

predetermining areas for decision of stained parts or blurred parts;

recognizing whether the monochrome images of inspection include portions disagreeing with the monochrome images of reference or not where the portions are positioned and what areas the portions have, and deciding on stained parts or blurred parts when the portions have areas exceeding the areas for decision of stained parts or blurred parts, the areas comprising the collection of adjacent disagreeing pixels;

predetermining a limit (c) of minus of differential density independently of the threshold (a) of lowest stained density for inspection of shortage of printed density at every pixel, the limit (c) of minus of differential density being disposed above the threshold (a) of lowest stained density;

predetermining a limit (d) of plus ~~of~~ or differential density independently of the threshold (b) of highest blurred density for inspection of excess of printed density at every pixel, the limit (d) of plus of differential density being disposed below the threshold (b) of highest blurred density;

comparing the multi-valued data of inspection with the multi-valued data of reference at every pixel for recognition of difference between the multi-valued data of reference and the multi-valued data of inspection;

predetermining area for decision of ~~shortage of excess~~ shortage or excess of printed density;

deciding on ~~shortage of excess~~ shortage or excess of printed density when the difference exceeds the limit (c, d) of minus differential density or plus differential density by portions having areas which exceed the areas for decisions of shortage or excess of printed density; and

executing the inspection and decision of stained parts and blurred parts and the inspection and decision of shortage and excess of printed density simultaneously.

2. (Previously Presented) The method as set forth in claim 1 wherein the step of comparing includes a step of partitioning the monochrome images of reference and the monochrome images of inspection into parts to compare the monochrome images of inspection with the monochrome images of reference at every part.

3. (Canceled)

4. (Previously Presented) The method as set forth in claim 1 further comprising the step of generating an alarm of stained parts or blurred parts when finding stained parts or blurred parts.

5. (Previously Presented) The method as set forth in claim 1 further comprising the step of detecting positional variations of the printed paper at every page when the printed paper is fed, to compensate for the positional variations the monochrome images stored in the memory 24.

6 and 7. (Canceled)

8. (Previously Presented) The method as set forth in claim 1 further comprising the step of generating an alarm of shortage or excess of printed density when finding shortage or excess of printed density.

9-18. (Canceled)